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SCHOOL OF SOCIAL SCIENCE AND IT'S EDUCATION

LAB MANUAL

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INDEX

SR. NO.	CONTENT		PAGE NO.
1.	INTRODUCTION		5
2.	ACKNOWLEDGEMENT		7
3.	EXP. NO. 1	POLITICAL MAP	8 to 10
4.	EXP. NO. 2	PHYSICAL MAP	11 to 13
5.	EXP. NO. 3	NOTES ON INDIA	14 to 16

TOTAL NUMBER OF EXPERIMENTS

COUNT : 3

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INTRODUCTION

The School of Social Science and Education aims to provide students with a comprehensive understanding of the social, political, and physical aspects of the world. This lab manual serves as a EXPERIMENT guide for exploring and analysing the diverse features of India through the study of political and physical maps, as well as essays and notes.

The manual is structured to help students enhance their geographical knowledge, develop cartographic skills, and appreciate India's unique cultural and environmental diversity. Each exercise is carefully designed to provide hands-on learning experiences that build a solid foundation for understanding the interplay between geography, history, and society. Through these activities, students will gain critical insights into the factors that shape India's identity and its role on the global stage.

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REGARDS,

MEGHA JHA

HEAD OF EXPERIMENTS

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POLITICAL MAP OF INDIA

EXPERIMENT NUMBER: 1

AIM:

TO STUDY, SKETCH AND LABEL OF POLITICAL MAP OF INDIA.

MATERIALS REQUIRED:

A4 SHEET, PENCIL, ERASER, BLUE/BLACK PEN, SCALE.

THEORY:

A political map is a representation of the geographical boundaries and administrative divisions of a country. It provides details about the states, union territories, and their capitals, showcasing how the country is organized administratively.

India, being the seventh-largest country in the world, is divided into 28 states and 8 union territories. Each state and union territory has a unique identity with its capital serving as an administrative hub.

While sketching a political map, precision and accuracy are essential to represent each state's boundaries and locations correctly. Labelling is equally important, as it ensures the viewer can identify the states and their capitals at a glance.

The steps to sketch and label the political map of India are as follows:

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a. **Outline Drawing:** Begin by sketching the outer boundaries of India with a pencil. Use a scale for straight borders like the western region, while freehand can be used for curved areas like the coastline.

b. **State Boundaries:** Carefully draw the internal boundaries separating the states and union territories.

c. **Labelling:** Use a blue or black pen to label the states, union territories, and their capitals. Ensure proper spacing and legibility.

d. **Water Bodies:** Mark major water bodies like the Arabian Sea, Bay of Bengal, and Indian Ocean.

e. **Final Touches:** Erase unwanted pencil marks, and ensure all labels are clear and neat.

SKETCHUP OF MAP:

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PROCEDURE:

1. Take an A4 sheet and gather all required materials (pencil, eraser, scale, and blue/black pen).
2. Using a pencil, draw the outer boundary of India with precision.
3. Divide the map into states and union territories by sketching their internal boundaries.
4. Mark the capitals of each state and union territory with a dot.
5. Use a blue or black pen to label the states, union territories, and their capitals clearly.
6. Highlight major water bodies (e.g., Arabian Sea, Bay of Bengal) and label them.
7. Review the map for accuracy and erase any unnecessary pencil marks.
8. Ensure neatness and legibility of all labels before submission.

CONCLUSION:

Hence, you have successfully learnt a Political or Outline Map of India.

VIVA – VOICE:

Q1. Another name of Political Map?

Q2. What do you mean by Political Map?

Q3. How many States and Union Territories are there?

NOTE:
• Marked in black box must be drawn nicely and cleanly. • Sketch diagram on plane page and write up at lined page. • Note must not be written.

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PHYSICAL MAP OF INDIA

EXPERIMENT NUMBER: 2

AIM:

TO STUDY, SKETCH AND LABEL OF PHYSICAL MAP OF INDIA.

MATERIALS REQUIRED:

A4 SHEET, PENCIL, ERASER, BLUE/BLACK PEN, SCALE.

THEORY:

A physical map represents the natural features of a region, such as mountains, plateaus, rivers, deserts, and plains. India, being a geographically diverse country, has various physical features that are essential to study for understanding its topography and environment. Sketching and labeling a physical map of India helps in comprehending its physical geography and enhancing spatial awareness.

The map includes significant geographical features:

1. **Mountains and Hills**: The Himalayan range in the north, the Western Ghats, and the Eastern Ghats in the south.
2. **Plateaus**: The Deccan Plateau in central and southern India.
3. **Plains**: The Indo-Gangetic plains in the north.
4. **Rivers**: Major rivers such as the Ganga, Brahmaputra, Yamuna, Narmada, Godavari, and Krishna.
5. **Deserts**: The Thar Desert in the northwest.

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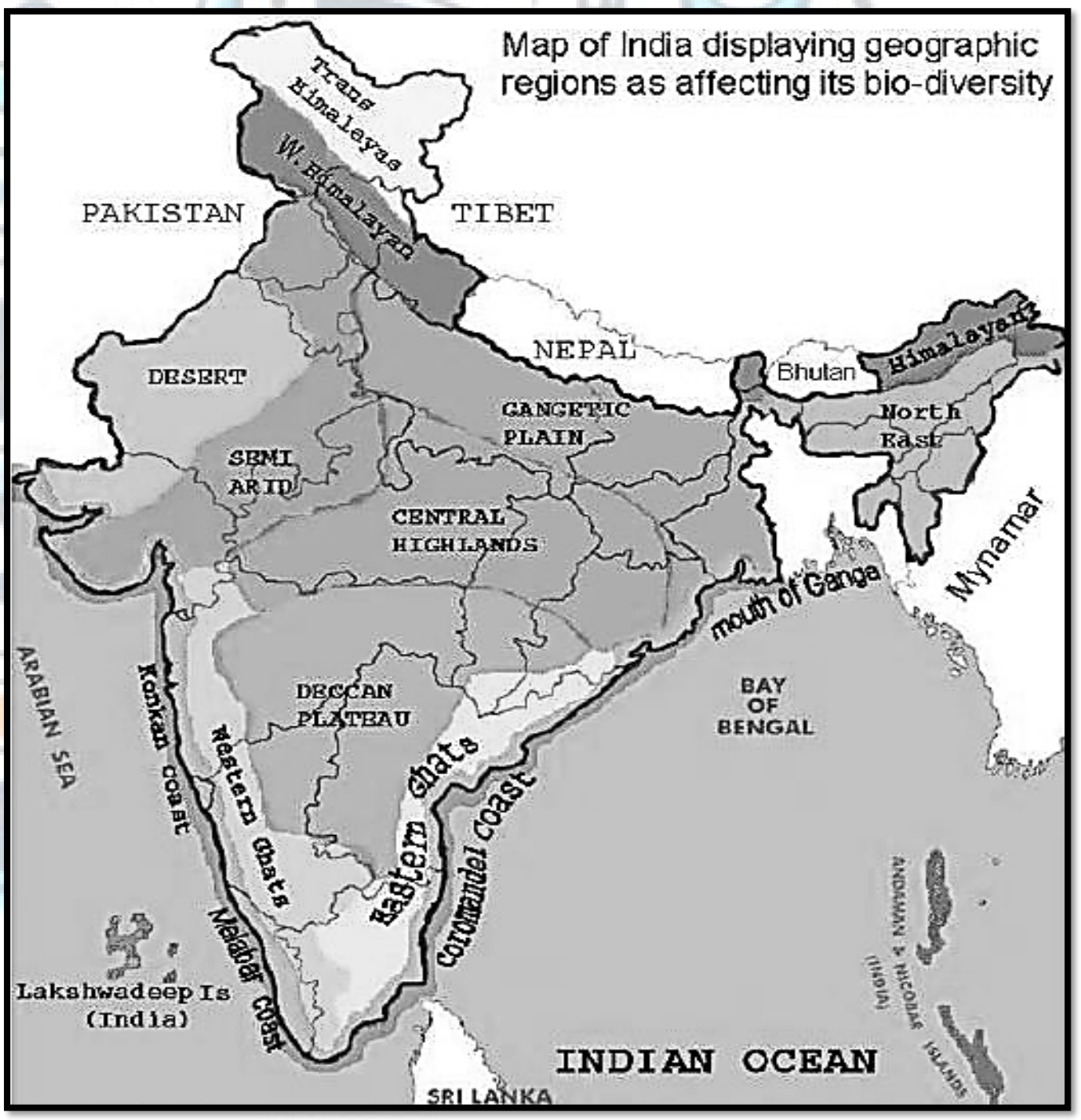
6. **Coastlines**: The western and eastern coasts of India along the Arabian Sea and the Bay of Bengal.
7. **Islands**: The Andaman and Nicobar Islands in the Bay of Bengal and the Lakshadweep Islands in the Arabian Sea.

Purpose: The purpose of sketching and labeling a physical map is to learn and identify the physical features of India, which is critical for geographical, historical, and environmental studies. It also enhances visualization skills and provides a clear understanding of the interrelation between physical features and human activities.

SKETCHUP OF MAP:



PROCEDURE:

1. Use a pencil to lightly outline the shape of India on an A4 sheet.

2. Mark the locations of major physical features with the help of a scale for accuracy.

3. Use blue/black pens to highlight rivers and boundaries.

4. Label each feature neatly and legibly.

5. Ensure the map is proportionate and adheres to the proper geographical representation.

This exercise improves cartographic skills and deepens one's appreciation of India's geographical diversity.

CONCLUSION:

Hence, you have successfully Study of a Physical Map of India.

VIVA – VOICE:

Q1. Name of the Desert in Indian Map? Hot and cold.

Q2. What do you mean by Himalayas? In how many ways it is divided

Q3. What is ghats, Physical features of India?

NOTE:
• Marked in black box must be drawn nicely and cleanly. • Sketch diagram on plane page and write up at lined page only. • Note must not be written.

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PARAGRAPH / ESSAY / NOTE FOR INDIA

EXPERIMENT NUMBER: 3

AIM:

TO STUDY AND WRITE A ESSAY / NOTES / PARAGRAPHS FROM INDIA.

MATERIALS REQUIRED:

A4 LINED SHEET, PENCIL, ERASER, BLUE/BLACK PEN.

THEORY:

A paragraph / essay / note is a cohesive unit of writing that develops a single idea or point. It consists of related sentences organized in a logical sequence to convey meaning effectively.

Structure of a paragraph / essay / note:

- Topic Sentence: Introduces the main idea of the paragraph.
- Supporting Sentences: Provide explanations, evidence, and details to elaborate on the topic sentence.
- Concluding Sentence: Summarizes or transitions to the next idea.

Principles of paragraph / essay / note Writing:

- Unity: Every sentence should support the main idea.

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- Coherence: Sentences should follow a logical order with proper transitions.
- Emphasis: Important points should stand out for clarity and impact.

PROCEDURE:

1.Understand the Topic

- Analyze the given topic or question thoroughly.
- Identify the key points you need to address.
- Research or brainstorm ideas if needed.

2.Outline the Structure

- Divide the essay into three main parts:
- Introduction: Present the topic and purpose.
- Body: Develop the main ideas in paragraphs.
- Conclusion: Summarize and restate key points.

3.Write the Introduction

- Start with a hook (an interesting fact, question, or quote).
- Provide some background information.
- Clearly state the thesis or purpose of the essay.

4.Develop the Body Paragraphs

- Each paragraph should focus on one main idea.
- Begin with a topic sentence to introduce the idea.
- Use supporting evidence, examples, or data.
- Ensure logical flow and transitions between paragraphs.

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5.Conclude the Essay

- Summarize the main ideas.
- Restate the thesis in a new way.
- End with a final thought or call to action, if applicable.

6. Revise and Edit

- Check for clarity, coherence, and logical flow.
- Eliminate grammatical and spelling errors.
- Ensure each paragraph serves its purpose effectively.

CONCLUSION:

Hence, You have successfully learnt of writing a key notes on write up on any genre.

VIVA – VOICE:

Q1. What is Essay, Notes, and Paragraph?

NOTE:
• Write a write up at lined page only. • Note must not be written.

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